



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 6, 2004	EPA Reg. No./File Symbol 954-11	Page 1 of 3			
Applicant's/Registrant's Name & Address: King Research, Inc.: 114 12th Street, Brooklyn, NY 11215		Product BARBICIDE®			
Ingredient(s): Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆) dimethyl benzyl ammonium chloride (EPA A.I. No. 69105)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1	Product Identity and Composition	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.1700/62-1	Preliminary Analysis	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.1750/62-2	Certified Limits	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1 See current CSF
830.1800/62-3	Enforcement Analytical Method	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.6302/63-2	Color	NR	NR	NR	Footnote 3
830.6303/63-3	Physical State	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.6304/63-4	Odor	NR	NR	NR	Footnote 3
830.7200/63-5	Melting Point	NR	NR	FOR	NR for EP
830.7220/63-6	Boiling Point	NR	NR	FOR	NR for EP
830.7300/63-7	Density/Relative Density/Bulk Density	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	NR	NR	FOR	NR for EP
830.7950/63-9	Vapor Pressure	NR	NR	FOR	NR for EP
830.7370/63-10	Dissociation Constant	NR	NR	FOR	NR for EP
830.7550/7560/7570/63-11	Partition Coefficient	NR	NR	FOR	NR for EP
830.7000/63-12	pH	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.6313/63-13	Stability	NR	NR	FOR	NR for EP
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	NR	NR	NR	Footnote 4
830.6315/63-15	Flammability	NR	NR	NR	Footnote 5
830.6316/63-16	Explosibility	NR	NR	NR	Footnote 6
830.6317/63-17	Storage Stability	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.7100/63-18	Viscosity	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.6319/63-19	Miscibility	NR	NR	NR	Footnote 7
830.6320/63-20	Corrosion Characteristics	not assigned	King Research (EPA Co. No. 954)	OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage	NR	NR	NR	Footnote 8
870.1100/81-1	Acute Oral Toxicity	CITE-ALL	See attached list	PAY	

Signature

Christina M. Swick

Name and Title:

Christina M. Swick, Agent for King Research, Inc.

Date

January 6, 2004



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1200/81-2	Acute Dermal Toxicity	CITE-ALL	See attached list	PAY	
870.1300/81-3	Acute Inhalation Toxicity	CITE-ALL	See attached list	PAY	
870.2400/81-4	Primary Eye Irritation	CITE-ALL	See attached list	PAY	
870.2500/81-5	Primary Dermal Irritation	CITE-ALL	See attached list	PAY	
870.2600/81-6	Skin Sensitization	CITE-ALL	See attached list	PAY	
91-2	Product Efficacy:				
	Herpes Simplex Virus Type 1	41032201	King Research (EPA Co. No. 954)	OWN	
	Herpes Simplex Virus Type 2	41032202	King Research (EPA Co. No. 954)	OWN	
	Human Immunodeficiency Virus (HIV)	42319701	King Research (EPA Co. No. 954)	OWN	
	<i>Pseudomonas aeruginosa</i>	42958601	King Research (EPA Co. No. 954)	OWN	
	<i>Salmonella choleraesuis</i>	44809601	King Research (EPA Co. No. 954)	OWN	
	<i>Staphylococcus aureus</i>	44809601	King Research (EPA Co. No. 954)	OWN	
	Hepatitis B Virus (HBV)	45769901	King Research (EPA Co. No. 954)	OWN	
	Hepatitis B Virus (HBV)	45769902	King Research (EPA Co. No. 954)	OWN	
	<i>Trichophyton mentagrophytes</i>		King Research (EPA Co. No. 954)	OWN	
	Hepatitis C Virus (HCV)		King Research (EPA Co. No. 954)	OWN	
	Hepatitis C Virus (HCV)		King Research (EPA Co. No. 954)	OWN	

FOOTNOTES:

1. *Barbicide* was initially registered by EPA in 1971. Product chemistry data were submitted with the original registration application, but no MRID numbers were assigned. These data are on file with the Agency in the jacket for this product, but no record of the MRID or Accession numbers is available to the public.
2. *Barbicide* is an end-use product manufactured from an EPA-registered source product, which is not manufactured by an integrated formulation system. Therefore, Therefore, in accordance with 40 CFR §158.170, these data are not required.
3. The color and odor of the end-use product, *Barbicide*, do not affect product performance. Therefore, in accordance with EPA PR Notice 92-5, these data are not required.
4. *Barbicide* does not contain any oxidizing or reducing agents. Therefore, in accordance with 40 CFR §158.190, these data are not required.
5. *Barbicide* does not contain any combustible liquids. Therefore, in accordance with 40 CFR §158.190, these data are not required.
6. *Barbicide* is not potentially explosive not does it contain any potentially explosive components. Therefore, in accordance with 40 CFR §158.190, these data are not required.
7. *Barbicide* is not an emulsifiable liquid nor is it intended to be diluted with petroleum solvents. Therefore, in accordance with 40 CFR §158.190, these data are not required.
8. *Barbicide* is not intended for use around electrical equipment. Therefore, in accordance with 40 CFR §158.190, these data are not required.
9. *Trichophyton mentagrophytes* is currently on the approved product label and the submission of this data is simply for the purpose of updating the efficacy database for *Barbicide*.

Signature <i>Christina M. Swick</i>	Name and Title: Christina M. Swick, Agent for King Research, Inc.	Date January 6, 2004
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

LIST OF DATA SUBMITTERS FOR ALKYL (50% C₁₄, 40% C₁₂, 10% C₁₆) DIMETHYL BENZYL AMMONIUM CHLORIDE

CO. NO. 000106 BRULIN & COMPANY INC	CO. NO. 008238 BARRIER INDUSTRIES INC
CO. NO. 000257 CELLO PROFESSIONAL PRODUCTS	CO. NO. 008296 MARVY WILLIAM COMPANY
CO. NO. 000303 HUNTINGTON PROFESSIONAL PRODUCTS A SERVICE OF ECOLAB, INC.	CO. NO. 008415 LENOX LABS INC
CO. NO. 000504 NOVOCOL CHEM MFG COMPANY INC	CO. NO. 008959 APPLIED BIOCHEMISTS
CO. NO. 000675 RECKITT BENCKISER INC.	CO. NO. 009339 FLEXABAR CORP
CO. NO. 000777 RECKITT BENCKISER INC.	CO. NO. 009402 KIMBERLY-CLARK CORP
CO. NO. 000784 CONSOLIDATED CHEMICAL INC D/B/A CARE-TECH LABORATORIES	CO. NO. 009594 INTERCONTINENTAL CHEMICAL CORP
CO. NO. 000944 SANOFI WINTHROP INC	CO. NO. 009722 PREMAX LABORATORIES INC
CO. NO. 000984 WHITMOYER LAB INC	CO. NO. 010324 MASON CHEMICAL CO
CO. NO. 001043 STERIS CORPORATION	CO. NO. 010352 UNION CARBIDE CORPORATION
CO. NO. 001124 FRANKLIN CLEANING TECHNOLOGY	CO. NO. 010693 FLO-KEM INC
CO. NO. 001190 J.F. DALEY INTERNATIONAL, LTD. PECK'S PRODUCTS DIVISION	CO. NO. 010772 CHURCH & DWIGHT CO INC
CO. NO. 001266 MALTER INTERNATIONAL CORPORATION	CO. NO. 011294 HOUSTON TACK ROOM PRODUCTS INC
CO. NO. 001414 HAMPDEN COLOR & CHEMICAL CO. INC.	CO. NO. 011496 BOVAL PRODUCTS CORPORATION
CO. NO. 001457 HEXCEL CORP.	CO. NO. 011602 MOLAR ENTERPRISES
CO. NO. 001677 ECOLAB INC.	CO. NO. 011613 SOUTHEASTERN SANITARY SPLY COMPANY
CO. NO. 001712 HYDROL CHEMICAL COMPANY	CO. NO. 011760 EDSAN CHEMICAL COMPANY
CO. NO. 001762 ASSOC CHEMISTS INC	CO. NO. 012014 A & V INC
CO. NO. 001769 NCH CORP	CO. NO. 012469 B & T CHEMICAL COMPANY INC
CO. NO. 001778 WESTERN CHEM COMPANY	CO. NO. 018033 ORBIT CHEMICAL COMPANY INC
CO. NO. 001816 ELF ATOCHEM N.A. INC - TURCO PRODUCTS, INC	CO. NO. 018533 ASHLAND CHEMICAL CO
CO. NO. 001839 STEPAN COMPANY	CO. NO. 025024 WRIGHT INC. (SEE 8727)
CO. NO. 001989 SANCO PROD. CO. ATT: AL WILLIAMS	CO. NO. 025581 G & G CHEMICAL CO INC
CO. NO. 002311 HAAG LABS INC	CO. NO. 026691 HARLECO
CO. NO. 002823 JOHN W. KENNEDY CONSULTANTS INC FOR: HILTON DAVIS CHEMICAL CO.	CO. NO. 033176 MBL INDUSTRIES, INC. A SUBSIDIARY OF AMREP, INC. ATTN: SUSAN
CO. NO. 002914 CALGON CORP	CO. NO. 042943 WITCO CORPORATION
CO. NO. 003376 BARRY INTERNATIONAL	CO. NO. 042964 AIRKEM PROFESSIONAL PRODUCTS
CO. NO. 003377 ALBEMARLE CORP	CO. NO. 045017 HERCULES INCORPORATED (ATTN: KEVIN MANNING)
CO. NO. 003635 JOHNSON DIVERSEY, INC.	CO. NO. 047371 H & S CHEMICALS DIVISION C/O LONZA INC
CO. NO. 003876 GE BETZ INC.	CO. NO. 056782 SUNSHINE MAKERS, INC.
CO. NO. 003885 CERTIFIED LABORATORIES	CO. NO. 063394 AMERICAN CHEMISTRY COUNCIL BIOCIDES PANEL ANTIMICROBIAL EXPOSURE ASSESSMENT TASK FORCE
CO. NO. 005135 WATER SERVICES	CO. NO. 066243 ADAMS TECHNOLOGY SYSTEMS AGENT FOR: CLEAN CONTROL CORP
CO. NO. 005185 BIO-LAB INC.	CO. NO. 069814 ZOO MED LABORATORIES INC
CO. NO. 005197 SYSTEMS GENERAL INC.	CO. NO. 070263 MICROBAN SYSTEMS INC.
CO. NO. 005590 CHEMSPRAY PACKAGING, INC.	CO. NO. 070627 JOHNSON DIVERSEY, INC.
CO. NO. 005741 SPARTAN CHEMICAL COMPANY, INC.	CO. NO. 070871 BIOSHIELD TECHNOLOGIES, INC
CO. NO. 005813 THE CLOROX, CO, C/O PS&RC	CO. NO. 071096 OR-CAL INC
CO. NO. 006081 GEERPRES	CO. NO. 071355 LAIRD'S REGULATORY CONSULTANTS, INC. AGENT FOR: CID LINES N.V.
CO. NO. 006097 OLYMPIC MFG COMPANY	CO. NO. 072293 CLEAN SHOWER L.P.
CO. NO. 006125 BAKOM CHEMICAL CORP.	CO. NO. 073612 MCDERMOTT, WILL & EMERY AGENT FOR: CHEMCOLOUR INDUSTRIES (NZ) LT
CO. NO. 006551 LIFE & FABRIC CHEM COMPANY	CO. NO. 073770 DELTA ANALYTICAL CORPORATION AGENT FOR: DIAL MANUFACTURING, INC.
CO. NO. 006836 LONZA INC	CO. NO. 074436 ENVIROFOAM TECHNOLOGIES INC.

Signature <i>Christina M. Swick</i>	Name and Title: Christina M. Swick, Agent for King Research, Inc.	Date January 6, 2004
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